



F-series engine bearings

The best got even better!

The CLEVITE® F-series bearing is the new standard for reliability with the highest load carrying and thrust load ability in the industry; accomplished by using the latest technology in materials and designs due to higher demands placed on today's engine bearings.

The F-series bearing is a TriMetal™ lead-tin-indium-alumina electroplated overlay applied over MAHLE's cast bronze lead substrate for maximum performance and reliability. The added ramp and pad thrust face creates increased oil pressure to the thrust wear surface which increases lubrication and bearing cooling; resulting in an ability to withstand a higher thrust load than conventional flat thrust surfaces.

Benefits of the F-series engine bearing:

+ Testing has shown a 126% increase in load carrying capacity before seizure vs conventional copper/tin/lead overlay bearings

Bearing type	PSI	F-series PSI	Increase
Conventional	13,779	31,183	126%
Coated	30,095	31,183	5%

- + Increased fatigue strength & wear resistance overlay
- + Higher seizure resistance over a coated bearing with no additional thickness
- + Ramp and pad designed thrust face (when applicable)
 - 93% thrust load increase versus flat pad thrust design
 - 1,821 lbf versus 944 lbf

Chevrolet V8 Big Block

396, 402, 427, 454, 496, 502, 540, 572, 632 Engines

Qty	Part no.	Description	Notes
8	CB-743FN	Rod Bearing Set	Narrowed
8	CB-743FXN	Rod Bearing Set	.001" Extra Oil Clearance / Narrowed
8	CB-743FN-1	Rod Bearing Set	.001" Undersize / Narrowed
8	CB-743FND	Rod Bearing Set	Narrowed / Doweled
8	CB-743FXND	Rod Bearing Set	.001" Extra Oil Clearance / Narrowed / Doweled
8	CB-743FND-1	Rod Bearing Set	.001" Undersize / Narrowed / Doweled
1	MS-829F	Main Bearing Set	
1	MS-829FX	Main Bearing Set	.001" Extra Oil Clearance
1	MS-829F-1	Main Bearing Set	.001" Undersize
1	MS-829FN	Main Bearing Set	Narrowed
1	MS-829FXN	Main Bearing Set	.001" Extra Oil Clearance / Narrowed
1	MS-829FN-1	Main Bearing Set	.001" Undersize / Narrowed



Chevrolet V8 LS

LS1, LS6 / 6.0L LS2 / 6.2L LS3 Engines

Qty	Part no.	Description	Notes
8	CB-663FN	Rod Bearing Set	Narrowed
8	CB-663FXN	Rod Bearing Set	.001" Extra Oil Clearance / Narrowed
8	CB-663FN-1	Rod Bearing Set	.001" Undersize / Narrowed
8	CB-663FN-10	Rod Bearing Set	.010" Undersize / Narrowed
8	CB-663FND	Rod Bearing Set	Narrowed / Doweled
8	CB-663FXND	Rod Bearing Set	.001" Extra Oil Clearance / Narrowed / Doweled
8	CB-663FND-1	Rod Bearing Set	.001" Undersize / Narrowed / Doweled
8	CB-663FND-10	Rod Bearing Set	.010" Undersize / Narrowed / Doweled
8	CB-1663F	Rod Bearing Set	1.888" Rod Journal
8	CB-1663FX	Rod Bearing Set	1.888" Rod Journal / .001" Extra Oil Clearance
8	CB-1663F-1	Rod Bearing Set	1.888" Rod Journal / .001" Undersize
8	CB-1663F-10	Rod Bearing Set	1.888" Rod Journal / .010" Undersize
1	MS-2411F	Main Bearing Set	
1	MS-2411FX	Main Bearing Set	.001" Extra Oil Clearance
1	MS-2411F-1	Main Bearing Set	.001" Undersize
1	MS-2411F-10	Main Bearing Set	.010" Undersize

Chevrolet V8 Small Block

262, 265, 267, 283, 302, 305, 307, 327, 350, 400 Engines

Qty	Part no.	Description	Notes
8	CB-663FN	Rod Bearing Set	Narrowed
8	CB-663FXN	Rod Bearing Set	.001" Extra Oil Clearance / Narrowed
8	CB-663FN-1	Rod Bearing Set	.001" Undersize / Narrowed
8	CB-663FND	Rod Bearing Set	Narrowed / Doweled
8	CB-663FXND	Rod Bearing Set	.001" Extra Oil Clearance / Narrowed / Doweled
8	CB-663FND-1	Rod Bearing Set	.001" Undersize / Narrowed / Doweled
8	CB-663FND-10	Rod Bearing Set	.010" Undersize / Narrowed / Doweled
8	CB-1663F	Rod Bearing Set	1.888" Rod Journal
8	CB-1663FX	Rod Bearing Set	1.888" Rod Journal / .001" Extra Oil Clearance
8	CB-1663F-1	Rod Bearing Set	1.888" Rod Journal, .001" Undersize
8	CB-1663F-10	Rod Bearing Set	1.888" Rod Journal, .010" Undersize
1	MS-909F	Main Bearing Set	
1	MS-909FX	Main Bearing Set	.001" Extra Oil Clearance
1	MS-909F-1	Main Bearing Set	.001" Undersize
1	MS-2411F-10	Main Bearing Set	.010" Undersize



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